

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 August 2001 (23.08.2001)

PCT

(10) International Publication Number
WO 01/60860 A3

- (51) International Patent Classification⁷: C07K 14/47, 16/18, A61K 38/17, C12Q 1/68, C07K 14/705, G01N 33/50 (74) Agents: SMITH, DeAnn, F. et al.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (21) International Application Number: PCT/US01/05171 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date: 20 February 2001 (20.02.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
- | | | |
|------------|-------------------------------|----|
| 60/183,319 | 17 February 2000 (17.02.2000) | US |
| 60/189,862 | 16 March 2000 (16.03.2000) | US |
| 60/207,454 | 25 May 2000 (25.05.2000) | US |
| 60/211,314 | 9 June 2000 (09.06.2000) | US |
| 60/219,007 | 18 July 2000 (18.07.2000) | US |
| 60/255,281 | 13 December 2000 (13.12.2000) | US |
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
13 June 2002
- (71) Applicant: MILLENNIUM PREDICTIVE MEDICINE, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
- (72) Inventors: SCHLEGEL, Robert; 211 Melrose Street, Auburndale, MA 02466 (US). ENDEGE, Wilson, O.; 222 Normandy Drive, Norwood, MA 02062 (US). MONAHAN, John, E.; 942 West Street, Walpole, MA 02081 (US).
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 01/60860 A3

(54) Title: GENES DIFFERENTIALLY EXPRESSED IN HUMAN PROSTATE CANCER AND THEIR USE

(57) Abstract: The invention relates to compositions, kits, and methods for detecting, characterizing, preventing, and treating human prostate cancers. A variety of novel markers are provided, wherein changes in the levels of expression of one or more of the markers is correlated with the presence of prostate cancer.

The remaining pages of this document are provided in electronic format on the attached compact disc.

Full paper copies will be provided upon request by the Examiner.